

# Bintang Fajar Julio

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## SUMMARY

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I am a fresh graduate in Informatics Engineering from Jakarta State Polytechnic, eager to grow and contribute to the field of app development. With experience in JavaScript, Go, PHP, and Python, I am passionate about creating innovative solutions. Additionally, I have a background in teaching coding and knowledge of machine learning, equipping me with soft and hard skills.

## EXPERIENCE

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### Timedoor Academy | Online Coding Teacher

(February 2023 – Now)

- Taught programming to teenagers in Phaser, HTML, CSS, JavaScript, Python, and React Native.
- Reported on progress and addressed student issues.

### Nusa Tekno Global | Junior Programmer

(September 2023 – Januari 2024)

- Developed the 'Kekayaan Intelektual Universitas Indonesia' web app utilizing NUXT, Go, and PostgreSQL.
- Collaborated with a online scrum team using GitLab for version control and project management.

### PT Pertamina Bina Medika IHC | IT Intern

(September 2023 – December 2023)

- Developed the 'Anjungan Pendaftaran Mandiri' web app using CodeIgniter 3 and Oracle.
- Collaborated with the intern team in the office environment.

## EDUCATION

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### Politeknik Negeri Jakarta

(2020 – 2024)

- D4 Teknik Informatika (Bachelor of Applied Sciences in Informatics Engineering).
- Graduated with a GPA of 3.83 and completed a thesis titled 'Design and Development of a Web App for Classification of Expertise Fields and Thesis Supervisor Recommendations Using Machine Learning.'

### Independent Study, PT Bisa Artificial Indonesia | AI Research Mentee

(August 2022 – December 2022)

- Studied deep learning as an advanced AI research methodology.
- Graduated with an average score of 88.18.

## PROJECTS

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### Smart Skripsi JTIK

- Web app based on Flask and Firebase, incorporating machine learning for text classification and recommendations.
- App: <https://bintangfjulio-skripsi-jtik-pnj.hf.space>

### TeMaNesia

- Web app based on Flask and Firebase for sharing government educational events.
- App: <https://bintangfjulio-temanesia.hf.space>

### Electrical Grid Stability Classifier

- Web app based on Flask, incorporating machine learning for classifying numerical electrical data stability.
- App: <https://bintangfjulio-grid-stability-classifier.hf.space>

### To Do App

- Web app based on Laravel 11 and Tailwind for managing to-do and completed lists
- App: <https://todo-note-production.up.railway.app>

### Kekayaan Intelektual Universitas Indonesia (KI UI)

- Web app based on NUXT, Go, and PostgreSQL for digital management of Universitas Indonesia intellectual property.

## ORGANIZATIONS

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### KSM Sahabat PNJ | Public Relations

(January 2022 – December 2022)

- Designed and posted content for the organization's account while serving as a communicator for the channel.

### Seminar Nasional Inovasi Vokasi Committee | Journal Formatter

(May 2022 – July 2022)

- Edited journal formats submitted by authors before publication and served as a co-moderator at the conference.

## CERTIFICATIONS

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Pengembang Web (BNSP) | Junior Web Developer (BNSP) | Website Development Course (Timedoor Academy Pro) | Finalist KMIPN V 2023 (BAKORMA) | Baparekraf Machine Learning (Dicoding) | Belajar Dasar Git & Github (Dicoding)